Joint Advanced Distributed Learning (ADL) Co-Laboratory

Jean Burmester

Director, Joint ADL Co-Lab

(407) 472-2901

jean.burmester@us.army.mil

www.jointadlcolab.org

Joint ADL Co-Lab Organization

Deputy Under Secretary of Defense (Readiness)

Director, Readiness & Training, OSD

Director, ADL Initiative, OSD
Dr. Bob Wisher

Director, Joint ADL Co-Lab
Mrs. Jean Burmester
Deputy Director, Ms. Cindy Carlisle

Associate Directors
LTC Wil Riggins (PEOSTRI)
Adrianna Martinez (NAVAIR)
Dianne Parrish (AFAMS)
Anne Sullivan (USMC)
JKDCC
JFCOM

Board of Directors
Dr. Jim Blake (PEOSTRI)
CAPT Larry McCracken (NAVAIR)
COL Dave Votipka (AFAMS)
COL Walter Augustin (USMC)
CDR Jeffrey Brandt (USCG)

Training Analysis
Lead: Dr. Dave Daly
Senior Instructional Design

- **SCORM Certification**
- **Training Needs Analysis**

Research & Development
Lead: Bill Pike
Senior Research Engineer

- **Content Object Repository Discovery Registration/Resolution Architecture (CORDRA)**
- **Simulation & SCORM**
- **Game-Based Learning Strategies**

Training Transformation
Lead: Steve Slosser
Senior Computer Engineer

- **Focused Implementation**

Defense Nuclear Weapons School
Defense Equal Opportunity Management Institute
Course Conversion

Focus Areas

Opportunities:

- Broad Area Announcement
- FY 06 Prototype White Papers
- SCORM & S1000D

Broad Area Announcement (BAA) :N61339-05-R

Description The Advanced Distributed Learning (ADL) Initiative is a collaborative effort to harness the power of information technologies to modernize structured learning. The ADL Initiative employs a structured, adaptive, collaborative effort between the public and private sectors to develop the standards, tools, and learning content for the future learning environment.

- Performance Measurement/Assessment/Evaluation
- Emerging Distributed Learning Devices, Systems, and Specifications
- Distributed Learning Tools and Systems
- Distributed Learning Content

Acquisition Strategy

TBD

Funding

L
$

RDT&E

Point of Contact

Name: LTC Dave Bukovey
Phone No: (407) 472-2921
Fax: (407) 282-6404
Email: david.bukovey@us.army.mil

Milestones

BAA Expiration: 31 March 2010 (or UNTIL SUPERSEDED)

Call For FY 06 Prototype White Pap

Description Solicitation for innovative approaches and concepts to obtain unique and creative solutions, technologies, and state-of-the-art approaches to training.

- Satisfy requirements from:
  - DoD Services (Army, Navy, Air Force, Marines, Coast Guard)
  - Joint Forces Command (JFCOM)
  - Joint National Training Capability (JNTC)
  - Joint Knowledge Development & Distribution Capability (JKDDC)

Acquisition Strategy	Funding
TBD	**L** **$** **RDT&E**
Point of Contact	**Milestones**
Name: LTC Dave Bukovey **Phone No: (407) 472-2921** **Fax: (407) 282-6404** **Email: david.bukovey@us.army.mil**	**Target Call: August 2005** **Target Award: February 2006**

SCORM & S1000D

Description The objective of this effort is to develop solutions and use cases to meet the growing requirements of the DoD to integrate learning and technical data systems.

- How can systems containing data developed to SCORM and S1000D specifications be integrated for presentation to a user as a single system or resource?
- Can commercial search and content management technology and off-the-shelf products be leveraged?
- Can non-document type objects created, like simulations, games, web references and oth

Acquisition Strategy

TBD

Funding

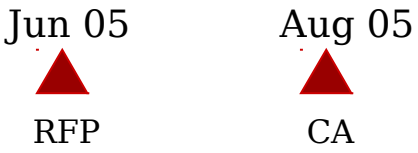
L
$

RDT&E

Point of Contact

Name: Mr. Tim Tate
Phone No: (703) 575-2017
Fax: (703) 575-3715
Email: tatet@adlnet.org

Milestones



Current Contracts

FY04 PROTOTYPES AND COOPERATIVE AGREEMENTS	CONTRACTORS	STATUS
3-D Simulation Component Repository Supporting ADL Training and Education Applications	USA RDECOM and soVoz, Inc.	• On schedule for delivery September 2005
Global Command and Control System -Army (GCCS-A) and Command & Control Personal Computer (C2PC)	USA PEO C3T and Booz Allen Hamilton, Inc.	• On schedule for final review September 2005
SCORM Based Disaggregation, Repurposing, and Recombination	NUWC and Logistic Services International, Inc.	• On schedule for final review August 2005
Expeditionary Warfare School (EWS) Prototype	TECOM and MITRE Corporation	• Prototype Alpha Version: Reviewed and Accepted on 10 March 2005 • Prototype Beta Version: In Progress
Bioenvironmental Engineering Advanced Measurement (BEAM) SCORM and Content Conversion Prototype	USAFSAM, AFRL and Galaxy Scientific Corporation	• On schedule for final review 24 May 2005
Courseware development, Certification and Research	Academic Co-Lab/University of Wisconsin	• Ongoing Research Efforts
Content Object Repository Discovery and Registration/Resolution Architecture (CORDRA) Research	Carnegie Mellon University	• Ongoing Research Efforts
ReMarkable Texts Research Program	Brown University	• Ongoing Research Efforts

"Advancement in Technologies & Lear

Implementation Fest 2005

Location

Orlando Airport Marriott
7499 Augusta National Drive
Orlando, FL 32822

407-851-9000

Contact Information

Peggy Lewis
peggy.lewis2@us.army.mil
407-472-2917

Date

August 22-25 2005

DAY 1
Tutorials

SCORM
Acquisition
Sequencing
Lessons Learned

DAY 2
State of ADL

Keynote: Mr.Dan Gardner, OSD
Director of Readiness and Training
Speaker: Elliott Masie

DAY 3
Services Day

How has advanced technology has been incorporated into training for today's warfighter - with an eye toward the future

DAY 4
Exploration of Game Technology

Use of Games for Training
Speaker: Perry McDowell

"One Team. One Fight. One Training Future."

I/ITSEC 2005

Location

Orange County Convention Center
International Drive
Orlando, FL
Booth 1236

Contact Information

http://www.iitsec.org/

Date

November 28 – December 1, 2005

Papers Being Presented:

- **rating Commercial Gaming Technology Into An ADL Environment**
- **Is Instructional Design Relevant for Game-Based Learning?**
- **Converting to SCORM: Lessons Learned**
- **Agility and Quality Criteria in the Design of Training Systems**
- **Implications of Tactical-Level Training Transparency for Future Training Systems**
- **An Introduction to the Advanced Distributed Learning (ADL) Initiative**

Demonstrating FY04 Prototypes

Update on ADL Initiatives

Open Technology, Exploration &Evaluation Environment

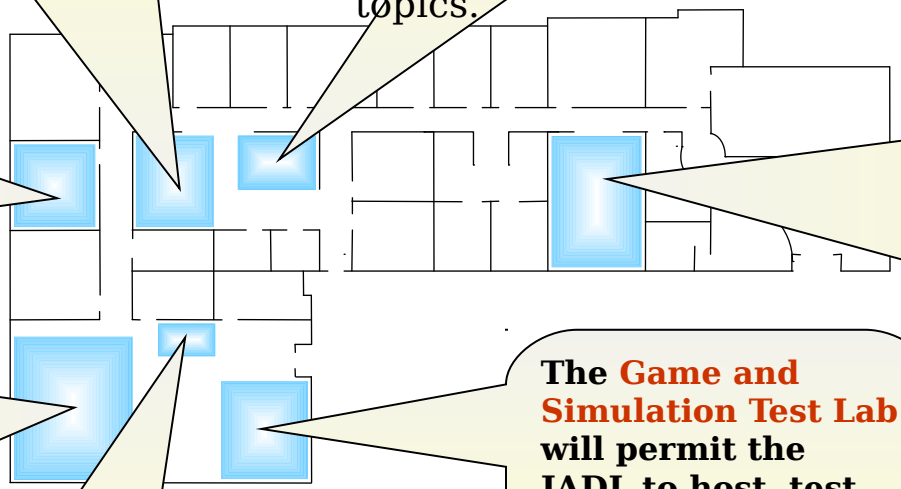
Opportunity to Conduct Research, Test, and Collaborate

A **Technology Demonstration Area** provides a place to showcase the products of the prototype programs and select development

The JADL **Library** contains an extensive inventory of printed reference materials covering a wide range of topics.

A **Software Test Lab** provides facilities for visiting prototype programs and vendors to install and "image" test products. These "images" can be restored at any time, essentially providing each organization with their own "virtual" lab.

A **"Smart" Conference Room** is fully equipped to fulfill a variety of communication and collaboration needs.



A close partnership with the National Guard allows the two organizations to symbiotically share the use of a **High-Tech Classroom.**

A **High-Speed DREN Connection** provides accessibility to defense research organizations throughout the DoD.

The **Game and Simulation Test Lab** will permit the JADL to host, test, and develop new distance learning methods that embrace the cutting edge of training technology.

"Enabling excellence in distributed learning for the Department of Defense"